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# NEC MultiSync® PA271W

**The new Reference Professional 27inch desktop monitor for Creative Professionals, Semi-Medical, Precision Engineering and Demanding Corporate Office applications**

- Wide Colour Gamut P-IPS TFT 16:10 display with 10-bit Colour (1 billion colours)
- Outstanding productivity with Picture in Picture, USB hub, DisplayPort connectivity and real-time Colour emulation via 3D LUT
- Green productivity through innovative cabinet design, transparent carbon reporting and arsenic-free materials
- 14-bit LUT with 16-bit processing

see more.

NEC Display Solutions

# NEC MultiSync® PA271W

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Panel Technology | P-IPS |
| Screen Size [inch/cm] | 27.0 / 59.7 |
| Colour Gamut Size / Coverage | 98% / 107% Adobe RGB |
| Pixel Pitch [mm] | 0.233 |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Contrast Ratio (typ.) | 1000:1 |
| Brightness (typ.) [cd/m²] | 300 |
| Response Time (typ.) [ms] | 6 (grey-to-grey), 12 (6 white / black; 6 black / white) |
| Colours [Billion] | 1.073 (10-bit per colour) |
| Horizontal Frequency [kHz] | 31.5 - 91.1 and 118.4 (digital) |
| Vertical Frequency [Hz] | 50.0 - 85.0 |
| Optimum Resolution | 2560 x 1440 at 60 Hz |
| Supported Resolutions | 2560 x 1440; 1920 x 1080p; 1600 x 1200; 1280 x 1024; 1280 x 960; 1280 x 720p; 1200 x 1920; 1152 x 870; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 720 x 576p; 720 x 480p; 720 x 400; 640 x 480; 640 x 480p |
| Connectors | Digital: 1 x DisplayPort; Digital: 2 x DVI-D; Analog: 1 x D-sub 15 pin |
| Plug & Play | VESA DDC/CI; EDID Standard; VESA DDC2B |
| Adjust Functions | Advanced NTAA (Advanced Non-Touch-Auto-Adjustment); Advanced User Menu; Auto Adjust; Black Level; Brightness; Colour Temperature Control; Contrast; Expansion Mode; Fine Adjust (analog); Hotkeys; Intelligent Power Management; Language Select; Monitor Information; OmniColor™: sRGB and 6-axis-colour-control; On-Screen-Display (OSD) lock-out; PiP; Sharpness; USB |
| Safety and Ergonomics | CE; TCO 5.0; ERP; TÜV Ergonomics; TÜV GS; C-tick; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 9241-307 (pixel failure class 2); MPR II/ MPR III; PCBC/B-mark; PSB; RoHS |
| Power Consumption on Mode [W] | 59 (Eco Mode 1); 95 (max.); 45 (Eco Mode 2) |
| Stand-by Mode [W] | 1 |
| Power Supply | 100-240 V; 1.38 A/0.56 A; integrated power supply |
| Ambient Temperature (operating) [°C] | +5 to +35 |
| Ambient Humidity (operating) [%] | 30 to 80 |
| VESA Mounting [mm] | 100 x 100 (4 points); 200 x 100 (5 points) |
| ErgoDesign®: Height adjustable Stand [mm] | 150 (Landscape mode) |
| Screen Tilt / Swivel [°] | -5 to +30 / -45 to +45 |
| Screen Tilt / Swivel / Rotate [°] | 0 to 90 (landscape to portrait mode) |
| Dimensions (W x H x D) [mm] | 643.6 x 397.6 - 0 x 250 (Landscape mode) |
| Bezel Width [mm] | 21.9 |
| Weight [kg] | 15 |
| Cable Management | yes |
| Kensington security slot | yes |
| Benefits | Adjustable power LED (colour and brightness); Advanced NTAA (Advanced Non-Touch- Auto-Adjustment); AmbiBright; ambix³™; Auto Black Level; Auto Brightness; Auto Contrast; AutoBright; CableComp with Sync Continuity Detection; ColorComp; DDC/CI compatible; Direct Brightness and Contrast; EcoModes; GammaComp (14 bit Look Up Table and 14 bit Gamma Correction); GammaComp (14-bit Look Up Table and 16-bit processing); Integrated USB Hub (2 up; 3 down); NaViSet®and NaViSet®Administrator compatible; OmniColor™: sRGB and 6-Axis-Colour-Control; Overdrive; Picture-in-Picture Mode; PiP/PbP; Programmable 3D LUT; Quick release Stand and Handle; Rapid Response Technology; RapidMotion; Self Diagnostics; TileComp; TileMatrix; TORO™ Design; Windows 7 compatible |
| Audio Functions | Option: MultiSync® Soundbar 90 |
| Colour Versions | Silver Front Bezel, Light Grey Back Cabinet<br>Black Front Bezel, Black Back Cabinet |
| Shipping Content | Monitor; Power Cable; Signal Cable DisplayPort; Signal Cable DVI-D - DVI-D; CD-ROM; Sales Office List; User Manual |
| Warranty | 3 years warranty incl. backlight |

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